PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: CYPRESS SEMICONDUCTOR CORPORATION 198 CHAMPION COURT SAN JOSE, CA 95134	PCT NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION			
	(PCT Rule 44.1)			
	Date of mailing (day/month/year) 24 JUN 2010			
Applicant's or agent's file reference	FOR FURTHER ACTION See paragraphs 1 and 4 below			
CD2009119PCT	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No. PCT/US 10/33626	International filing date (day/month/year) 04 May 2010 (04.05.2010)			
Applicant CYPRESS SEMICONDUCTOR CORPORATION				
1. The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.				
Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: +41 22 338 8270 For more detailed instructions, see the notes on the accompanying sheet.				
2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.				
3. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the				
applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.				
4. Reminders				
Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.				
The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.				
Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.				
In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months.				
See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applicant's Guide, Volume II, National Chapters and the WIPO Internet site.				
Name and mailing address of the ISA/US	Authorized officer:			
Mail Stop PCT, Attn: ISA/US Commissioner for Patents Lee W. Young				
P.O. Box 1450, Alexandria, Virginia 22313-1450 PCT Halpdesk: 571-272-4300 PCT OSP: 574-272-774				

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference CD2009119PCT	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.				
International application No.	International filing date (day/n	month/year) (Earliest) Priority Date (day/month/year)				
PCT/US 10/33626	04 May 2010 (04.05.2010)	04 May 2009 (04.05.2009)				
Applicant CYPRESS SEMICONDUCTOR CORPORATION						
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.						
This international search report consists of a total of sheets.						
It is also accompanied by a	copy of each prior art documen	t cited in this report.				
1. Basis of the report						
a. With regard to the language, the	e international search was carried	d out on the basis of:				
the international application in the language in which it was filed.						
a translation of the international application into which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).						
b. This international search report has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).						
c. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.						
2. Certain claims were found unsearchable (see Box No. 11).						
3. Unity of invention is lacking (see Box No. III).						
4. With regard to the title,						
the text is approved as sub	mitted by the applicant.					
the text has been established by this Authority to read as follows:						
5. With regard to the abstract,						
the text is approved as sub	mitted by the applicant.					
		nis Authority as it appears in Box No. IV. The applicant structional search report, submit comments to this Authority.				
6. With regard to the drawings,						
a, the figure of the drawings to be published with the abstract is Figure No. 1						
as suggested by the applicant.						
as selected by this Authority, because the applicant failed to suggest a figure.						
as selected by this Authority, because this figure better characterizes the invention.						
b none of the figures is to be published with the abstract.						

Form PCT/ISA/210 (first sheet) (July 2009)

INTERNATIONAL SEARCH REPORT

International application No. PCT/US 10/33626

	A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G05B 15/00 (2010.01)				
USPC -	700/1	or the owner type			
	o International Patent Classification (IPC) or to both n	ational classification and IPC			
	DS SEARCHED	.1(#			
Minimum documentation searched (classification system followed by classification symbols) USPC - 700/1					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 711/100; 326/37; 712/1, 32, 37; 700/1, 2					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Dialog Classic (Chinese Pat Abstr; Derwent Index, EPFT, French Pat, Jap Abstr, USPFT, WIPO/PCT PFT); Google Scholar; Terms searched: ACCESS, ANALOG, AUTONOMOUS, AUTONOMOUSLY, BOOT, CONFIGUR, CONTROL, DATABASE, DIGITAL, INTERCONNECT, MEMOR, MICROCONTROLLER, MIXED, MIXED-SIGNAL, MONITOR, PROGRAM, PROGRAMMABLE ANALOG					
C. DOCUI	MENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	Relevant to claim No.			
X	US 7.221,187 B1 (Snyder et al.) 22 May 2007 (22.05.2 In 42-45; col 2 In 65 to col 3, In 31; col 3, In 51-54; col	2007); entire document, especially: col 2, 4, in 45-57; col 5, in 6-27, 63-66; col 6, in	1-5, 7-9, 11, 13		
Y	1-5		6, 10, 12, 14-20		
Υ	US 2008/0294806 A1 (Swindle et al.) 27 November 2008 (27.11.2008); entire document, especially: para [0016], [0020], [0024], [0030]-[0031], [0035]		6, 10, 12, 14-20		
Α	US 2008/0258760 A1 (Sullam et al.) 23 October 2008 (23.10.2008); entire document		1-20		
Further documents are listed in the continuation of Box C.					
* Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand					
to be of "E" earlier a	of particular relevance the principle or theory underlying the invention application or patent but published on or after the international "X" document of particular relevance; the claimed invention cappet be				
"L" docume cited to	g date considered novel or cannot be considered to involve an inventive step when the document is taken alone to perablish the publication data of control site of the publication data of t				
speciai	ocument referring to an oral disclosure, use, exhibition or other				
"P" docume	ent published prior to the international filing date but later than ority date claimed	being obvious to a person skilled in the "&" document member of the same patent f			
Date of the a	actual completion of the international search	Date of mailing of the international search	h report		
12 June 201	0 (12.06.2010)	24 JUN 2010			
	Name and mailing address of the ISA/US Authorized officer:				
	all Stop PCT, Attn: ISA/US, Commissioner for Patents O. Box 1450, Alexandria, Virginia 22313-1450				
Facsimile No	0. 571-273-3201	PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774			